

**METHOD OF MAKING A GOLF BALL  
PRODUCT FROM FAST-CURING  
REACTION INJECTION MOLDED POLYURETHANE**

**Abstract of the Disclosure**

Golf ball products are made by reaction injection molding (RIM) fast curing thermoset polyurethane compounds. A polyurethane prepolymer and a curing agent are mixed and injected at low temperature and pressure into a closed mold where the reaction mixture gels. The mold is opened and the golf ball product is removed within 10-60 seconds after the injection step.